

REMARKS

Claims 1 to 30 are pending. The Examiner's reconsideration of the rejections is respectfully requested in view of the remarks.

Applicants appreciate the courtesies extended by the Examiner during the telephone conference of September 23, 2004, in which the claim language directed towards "signal display" and "visual image" was discussed.

Applicants further appreciate the Examiner's indication that claims 7, 9-14, 19, and 21-26 are objected to as being dependent upon a rejected base claims, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

Claims 1-3, 6, 15, 18, 27, and 29 have been rejected under 35 U.S.C. 102(e) as being anticipated by Monroe (U.S. Patent Application No. 2003/0169335). The Examiner stated essentially that Monroe teaches all the limitations of claims 1-3, 6, 15, 18, 27, and 29.

Claim 1 claims, *inter alia*, "a signal display for displaying the signal pattern generated by said generated signal template as a visual image; a signal display controller for controlling position and orientation of said signal display." Claim 15 claims, *inter alia*, "acquiring, visually, an image of the signal pattern displayed by the signal display using the visual recording device." Claim 27 recites, *inter alia*, "a signal display controller for controlling a position and an orientation of said signal display relative to a signal receiving device, wherein the signal pattern is visible to the signal receiving device." Claim 29 claims, *inter alia*, "a visual recording device for visually determining a signal pattern of a signal display, wherein the signal pattern is a visual pattern of blobs."

Monroe teaches a ground based security system for aircraft (see Abstract). Monroe teaches that a camera, either installed in the aircraft or on the ground, may be controlled by a ground based system for monitoring purposes (see paragraphs [0074] and [0092]).

Referring to claims 1 and 27, Monroe teaches that a camera has pan and tilt capabilities (see Figures 3B and 5 and paragraphs [0074] and [0076-0080]). Monroe teaches that ground-based monitors display images captured by the camera located within an aircraft (see paragraph [0097]). Monroe does not teach “a signal display controller for controlling position and orientation of said signal display” as claimed in claim 1 or “a signal display controller for controlling a position and an orientation of said signal display relative to a signal receiving device, wherein the signal pattern is visible to the signal receiving device” as claimed in claim 27. Respectfully, nowhere does Monroe teach or suggest that a display’s position and orientation is controlled. In the Response to Arguments, the Examiner stated essentially the one skilled in the art would understand that signals are involved to generate and control “the position of the image on the screen.” However, the claims are specific that the “position and orientation” of the signal display are controlled. The limitations reciting the “signal display controller” are not directed to the visual image displayed by the signal display. The limitations recite, “a signal display controller for controlling position and orientation of said signal display” as claimed in claim 1 or “a signal display controller for controlling a position and an orientation of said signal display relative to a signal receiving device, wherein the signal pattern is visible to the signal receiving device” as claimed in claim 27. The signal display controller changes the position and orientation of the signal display to establish communication with the visual recording device, such that the visual recording device detects and decodes the visual images displayed by the signal display (see claim 1) or such that the signal pattern displayed by the signal display is

visible to the signal receiving device (see claim 27). Thus, Monroe does not teach “a signal display controller for controlling position and orientation of said signal display” as claimed in claim 1 or “a signal display controller for controlling a position and an orientation of said signal display” as claimed in claim 27. Therefore, Monroe fails to teach all the limitations of claims 1 and 27.

Referring to claims 15 and 29, Monroe teaches wireless communication of digital signals from a camera in an aircraft to a base station (see paragraph [0074]). Monroe does not teach “acquiring, visually, an image of the signal pattern displayed by the signal display using the visual recording device” as claimed in claim 15 or “a visual recording device for visually determining a signal pattern of a signal display, wherein the signal pattern is a visual pattern of blobs” as claimed in claim 29. Monroe’s transmission of a digital signal from a camera to a base station (see paragraph [0074]) is not analogous to a communication from a signal display to a visual recording device, essentially as claimed in claims 15 and 29. Monroe teaches a camera capturing a view of an aircraft (see Abstract) and transmitting wireless signals to a base station for display (see Figure 3a). Monroe does not teach a camera having a view of an image displayed on a signal display. Thus, Monroe does not teach visually determining a signal pattern of a signal display, essentially as claimed in claims 15 and 29. Therefore, Monroe fails to teach all the limitations of claims 15 and 29.

Claims 2, 3, and 6 depend from claim 1. Claim 18 depends from claims 15. The dependent claims are believed to be allowable for at least the reasons given for claims 1 and 15, respectively. The Examiner’s reconsideration of the rejection is respectfully requested.

Claims 4, 5, 8, 16, 17, 20, 28, and 30 have been rejected under 35 U.S.C. 103(a) as being unpatentable over Monroe, and further in view of Rhoads (U.S. Patent Application No.

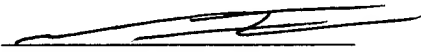
2004/0005093). The Examiner stated essentially that the combined teachings of Monroe and Rhoads teach or suggest all the limitations of claims 4, 5, 8, 16, 17, 20, 28, and 30.

Claims 4, 5 and 8 depend from claim 3. Claims 16, 17, and 20 depend from claim 15. Claims 28 and 30 depend from claim 27. The dependent claims are believed to be allowable for at least the reasons given for the respective independent claims. The Examiner's reconsideration of the rejection is respectfully requested.

For the forgoing reasons, the application, including claims 1 to 30, is believed to be in condition for allowance. Early and favorable reconsideration of the case is respectfully requested.

Respectfully submitted,

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